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**Notes Questions for the Unit 11, Part 3 Notes: Viral and Bacterial Genetics**

Ms. Ottolini, AP Biology

1. How is the lytic cycle different from the lysogenic cycle of viral reproduction?
2. Explain how infection by a retrovirus is different from lytic infection by a normal virus.
3. Why do retroviruses tend to have higher mutation rates than normal viruses?
4. How does transduction increase genetic variation in bacteria?
5. Describe the difference between bacterial conjugation and transformation.